

Title (en)

PARAMETER UPDATING METHOD AND RELATED APPARATUS

Title (de)

PARAMETERAKTUALISIERUNGSVERFAHREN UND ZUGEHÖRIGE VORRICHTUNG

Title (fr)

PROCÉDÉ DE MISE À JOUR DE PARAMÈTRE ET APPAREIL ASSOCIÉ

Publication

**EP 4207861 A4 20240228 (EN)**

Application

**EP 21879419 A 20211013**

Priority

- CN 202011114508 A 20201015
- CN 2021123498 W 20211013

Abstract (en)

[origin: EP4207861A1] Embodiments of this application disclose a parameter update method, including: A terminal apparatus receives a parameter that is configured by a network apparatus and that is used to calculate an update period, where the update period is used to indicate time at which the terminal apparatus receives an uplink time-frequency synchronization parameter; and the terminal apparatus receives an updated uplink time-frequency synchronization parameter based on the update period. The network apparatus configures the parameter for calculating the update period, so that the terminal apparatus can update the uplink time-frequency synchronization parameter in time. This reduces an error of uplink time-frequency synchronization, and ensures communication quality.

IPC 8 full level

**H04W 56/00** (2009.01); **H04W 24/02** (2009.01); **H04W 72/21** (2023.01); **H04W 84/06** (2009.01)

CPC (source: CN EP US)

**H04B 7/18513** (2013.01 - CN EP); **H04B 7/18519** (2013.01 - CN); **H04W 24/02** (2013.01 - CN); **H04W 56/003** (2013.01 - EP); **H04W 56/0035** (2013.01 - EP); **H04W 56/0045** (2013.01 - EP); **H04W 72/0446** (2013.01 - CN US); **H04W 72/0453** (2013.01 - CN US); **H04W 72/21** (2023.01 - EP); **H04W 72/23** (2023.01 - CN); **H04W 24/02** (2013.01 - EP); **H04W 72/0446** (2013.01 - EP); **H04W 72/0453** (2013.01 - EP); **H04W 84/06** (2013.01 - EP US)

Citation (search report)

- [XII] ZTE CORPORATION ET AL: "Consideration on Random Access for NTN", vol. RAN WG2, no. Athens, Greece; 20190225 - 20190301, 14 February 2019 (2019-02-14), XP051601956, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/tsg%5Fran/WG2%5FRL2/TSGR2%5F105/Docs/R2%2D1900576%2Ezip> [retrieved on 20190214]
- [A] THALES: "On Timing Advance in NTN", vol. RAN WG1, no. Xi'an/China; 20190407 - 20190413, 29 March 2019 (2019-03-29), XP051692064, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/tsg%5Fran/WG1%5FRL1/TSGR1%5F96b/Docs/R1%2D1905180%2Ezip> [retrieved on 20190329]
- See also references of WO 2022078376A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**EP 4207861 A1 20230705**; **EP 4207861 A4 20240228**; CN 114374988 A 20220419; US 2023254830 A1 20230810; WO 2022078376 A1 20220421

DOCDB simple family (application)

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